

REMARKS/ARGUMENTS

This amendment is in response to the Final Office Action mailed February 6, 2006 and the Decision on Appeal mailed April 14, 2010. Claims 1, 2, 4-8, 10-15, and 17-23 are now pending in the present application. The Decision on Appeal affirmed the rejection of claims 1, 3, 4-8, 10-15, and 17-23. Claims 1, 4, 6-8, 10-15, and 17-20 have been amended by this amendment.

Applicant has amended claims 1, 4, 6-8, 10-15, and 17-20 in this application. Applicant is not conceding in this application that those claims are not patentable over the art cited by the Examiner, as the present claim amendments are only for facilitating expeditious prosecution of the pending subject matter. Applicant respectfully reserves the right to pursue these and other claims in one or more continuations and/or divisional patent applications.

No new matter has been added. The amendments find support throughout the specification. Applicant has amended independent claims 1, 7, and 14 to recite that the page builder tool for creating and providing a web page having web page information for publication on a web browser and linking the web page to a searchable database such that search results from the searchable database are included in the web page information published in the web page, as supported, for example, at page 3, line 23 to page 4, line 3; page 1, lines 7-19; and page 7, lines 8-10. The message is provided by a user and is separate from the web page information, as supported throughout the specification, e.g. at page 7, lines 15-23, page 7, lines 8-10, and page 1, lines 9-19. The message is published in the web page using the page builder tool independently of the publishing of the web page information by the page builder tool, as supported throughout the specification, for example, at page 6, lines 3-13; page 7, lines 8-10; page 1, lines 9-19; page 8, lines 7-12, page 8, line 22 to page 9, line 11.

Claims 4, 11, and 18 recite that the page builder tool provides the web page to the web browser and processes the message publishing macro definition provided for the web page, and the message publishing macro definition causes the message publishing agent to retrieve the message from the message cache and push the message to the web browser, wherein the message is published in the web page without the web browser having to refresh the web page, as supported, for example, on page 6, lines 9-12, page 7 lines 1-7, page 8, line 22 to page 9, line 11. Amended claims 6, 13, and 15 recite that the message is not in a web page format, and is one of a system status report and a notice to users of the searchable database, where the user providing the message is an administrator of the web page, as supported, for example, at page 7, lines 16-19; page 2, lines 3-4; and page 8, lines 17-18. Amended claim 8 recites that the message from the message cache is broadcast in all web pages created by the page builder tool, as supported, for example, at page 6, lines 9-11 and page 9, lines 7-9.

Accordingly, Applicant respectfully submits that no new matter is added.

Claim Rejections under 35 USC § 103

In the Final Office Action mailed February 6, 2006, claims 1, 3, 6-8, 10, 13-15, 17, and 20-21 were rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,546,387 (Triggs) in view of U.S. Patent Pub. No. 2002/0138582 (“Chandra”) and U.S. Patent No. 6,714,219 (“Lindhorst”). Applicant respectfully traverses the rejection, and has amended claims 1, 7, and 14 to clarify the invention and expedite prosecution.

Claim 1 recites a system for publishing a message using a page builder tool that creates and provides a web page having web page information for publication on a web browser and links the web page to a searchable database such that search results are included in the web page

information, the system including a message caching agent for receiving the message, the message being provided by a user and being separate from the web page information. A message cache is for storing the message, the message cache receiving the message from the message caching agent, the message cache being a local cache for the page builder tool. A message publishing agent is for retrieving the message from the message cache and allowing the message to be published in the web page on a web browser using the page builder tool, where the message publishing agent allows the message to be published in the web page on the web browser by pushing the message to the web browser using the page builder tool such that the message is published in the web page using the page builder tool independently of the publishing of the web page by the page builder tool. For example, one embodiment of independently-published messages uses the macro definition of claim 4. This allows, for example, a new message to be published on its own without having to refresh the entire web page of information.

Triggs discloses agents that gather summary data from an information provider node indicative of event changes, and that extract and store information from the information provider node, categorize the stored information, and transmit selected information to a client node.

Triggs does not disclose or suggest pushing a message that is provided by a user and separate from published web page information (including search results) in a web page browser, where the message is published in the web page using the page builder tool independently of the publishing of the web page by the page builder tool. Triggs discloses agents that collect information across a system and categorize the information, and personal delivery agents that distribute information to users at clients based on which categories that the users are subscribed to (col. 6, line 41 to col. 7, line 13; col. 10, lines 24-32). The delivery agents distribute all the current updates in a personal system page of a user, where all the updates are “contained in a

single web page” (col. 10, lines 28-31). Thus, Triggs’ system creates a single web page including all the desired messages / updates, and publishes that entire web page to the user; there are no independently published messages.

In contrast, Applicant’s claim 1 recites that a separate message is pushed to and published by the page builder tool independently of the publication of the web page by the page builder tool. Triggs does not disclose these features, but rather must create and publish / refresh entire new web pages that include any new messages or updates desired to be published, where the messages are included with all the other web page information and published with the rest of the web page. Applicant’s invention of separate and independent messages that are pushed and published allows a publication of messages without having to re-create or refresh a web page in which the message is to appear, saving time and processing and avoiding errors. Also, Applicant’s invention allows such separate and independent messages to be pushed and published in an existing web page using the page builder tool that also publishes the web page, where the message need not have any connection with the regular web page information displayed in the web page.

Applicant therefore believes that Triggs does not disclose or suggest the elements of claim 1.

The cited portions of Chandra also do not disclose or suggest the described recited features of claim 1. Chandra discloses associating related electronic messages in computer storage, but cited portions do not disclose or suggest a message provided by a user and separate from web page information (including search results), and pushing the message to the web browser using a page builder tool such that the message is published in the web page using the

page builder tool independently of the publication of the web page information by the page builder tool.

Lindhorst also does not disclose or suggest the described recited features of claim 1. Lindhorst discloses a system that provides a common displayed appearance for scripts and other components whether they are run on the client or server, and treats HTML and ASP pages as objects. However, cited portions of Lindhorst do not disclose or suggest a message provided by a user and separate from web page information (including search results), and pushing the message to the web browser using a page builder tool such that the message is published in the web page using the page builder tool independently of the publication of the web page information by the page builder tool.

Applicant therefore believes that claim 1 is patentable over Triggs in view of Chandra and Lindhorst.

Claims 3 and 6 are dependent on claim 1 and are patentable over Triggs in view of Chandra and Lindhorst for at least the same reasons as claim 1, and for additional reasons. For example, claim 6 recites a message publishing tool for allowing a user to create the message and provide the message to the message caching agent, the message not being in a web page format and the message being one of a system status report and a notice to users of the searchable database, and where the user providing the message is an administrator of the web page. Triggs, Chandra and Lindhorst do not describe or suggest a message being a system status report or a notice to users of a database implemented on the website, provided by a web page administrator.

Claims 7 and 14 recite method and computer-readable medium claims analogous to claim 1, and are believed patentable over Triggs in view of Chandra and Lindhorst for at least similar reasons as described above for claim 1. Claims 8, 10, and 13 are dependent on claim 7 and are

patentable for at least the same reasons, and for additional reasons. For example, claim 8 recites that the message from the message cache is broadcast in all web pages created by the page builder tool. This feature is not disclosed or suggested in Triggs, Chandra, and Lindhorst. Claims 15, 17, 20, and 21 are dependent on claim 14 and are patentable for at least the same reasons, and for additional reasons. For example, claim 15 recites that the message is one of a system status report and a notice to users of the searchable database. Triggs, Chandra and Lindhorst do not describe or suggest a message being a system status report or a notice to users of a database linked to the web page.

In view of the foregoing, Applicant respectfully requests that the rejection of claims 1, 3, 6-8, 10, 13-15, 17, and 20-21 under 103(a) be withdrawn.

The Examiner rejected claims 4, 5, 11, 12, 18, 19, 22, and 23 under 35 U.S.C. § 103(a) as being unpatentable over Triggs in view of Chandra and Lindhorst and further in view of U.S. Patent No. 6,697,825 (“Underwood”). Applicant respectfully traverses, and has amended claims 4, 11, and 18 to clarify the invention.

Claims 4, 5, 11, 12, 18, 19, 22, and 23 are dependent from independent claims 1, 7, and 14, and thus are patentable over Triggs in view of Chandra and Lindhorst as explained above. Underwood also does not disclose or suggest the features of the independent claims 1, 7, and 14.

Underwood discloses callback macros in a document for providing callbacks, such as callback messages based on a user-clicked “notify” button in a web page (col. 50, lines 37-58). The callback messages are provided to a “DXC” external application, which can interpret and respond to the message. A DXC displays content (such as instances) in the web page by generating its own HTML representations (e.g., col. 46, lines 1-24; col. 49, lines 52-56; col. 50, lines 59-63).

There is no disclosure or suggestion in Underwood of using a page builder tool that both creates and publish a web page and also is used to publish a message in that web page, the message being separately provided from and independently published from the web page information, as recited in claims 1, 7, and 14. Applicant's invention provides the advantage that the same page builder tool can be used to both create/publish web pages and publish separately-provided messages in that web page, without needing external applications like DXCs to create a web page formatted version of the message. Therefore, none of the cited references discloses such a use of a page builder tool, and claims 1, 7, and 14 as well as dependent claims 4, 5, 11, 12, 18, 19, 22, and 23 are believed patentable over Trigger, Chandra, Lindhorst, and Underwood.

Furthermore, claims 4, 5, 11, 12, 18, 19, 22, and 23 are additionally patentable over these references. For example, with respect to claims 4, 11, and 18, the page builder tool provides the web page to the web browser and processes a message publishing macro definition provided for the web page, wherein the message publishing macro definition causes the message publishing agent to retrieve the message from the message cache and push the message to the web browser, and where the message is displayed in the web page without the web browser having to refresh the web page. The cited references including Underwood do not disclose a message publishing macro definition that is processed by the same page builder tool that creates/ publishes the web page, to cause a publishing agent to push a separately-created message from a user using that page builder tool, to a web browser from a message cache for independent publication in the web page. Such a macro definition allows, for example, a user's message to be published and/or changed in the web page without having to re-create or refresh the entire web page.

Furthermore, there is no suggestion in Underwood of using a message publishing macro definition to cause a publishing agent to push a separately-created message from a user.

Underwood neither describes nor suggests such publishing or pushing of separately-provided messages using a macro definition as recited in claim 4.

Consequently, Applicant respectfully submits that claims 4, 11, and 18 are separately allowable over the cited references. Claims 5, 12, and 19 are dependent from claims 4, 11, and 18 and are additionally patentable over these references similarly to their respective parent claims.

In view of the foregoing, Applicant respectfully requests that the rejection of claims 4, 5, 11, 12, 18, 19, 22, and 23 under 35 U.S.C. 103(a) be withdrawn.

Applicant's attorney believes that this application is in condition for allowance. Should any unresolved issues remain, Examiner is invited to call Applicant's attorney at the telephone number indicated below.

Respectfully submitted,

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Date

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